

(19)



JAPANESE PATENT OFFICE

**PATENT ABSTRACTS OF JAPAN**

(11) Publication number: **02084401 A**

(43) Date of publication of application: **26.03.1990**

(51) Int. Cl. **C08B 15/08**

// A23L 1/03, A61K 7/00, A61K 7/02, A61K 47/46, B01D 15/08

(21) Application number: **63233656**

(22) Date of filing: **20.09.1988**

(71) Applicant: **ASAHI CHEM IND CO LTD**

(72) Inventor: **YAGINUMA YOSHIHITO**

**(54) POROUS FINE CELLULOSE GRANULE**

**(57) Abstract:**

**PURPOSE:** To provide the title novel granules of I crystal type, having developed fine pore structure and large specific surface area, excellent, as powder, in aut-offluidity and compression moldability, thus suitable for drug adsorption carriers, compression molding aids, fluidity improvers, etc.

**CONSTITUTION:** The objective granules of I crystal type,  $\geq 20\text{m}^2/\text{g}$  in specific surface area, having such porous structure as to be  $\geq 0.3\text{cm}^3/\text{g}$  in volume of fine pores  $\geq 0.01\mu\text{m}$  in size, and  $\leq 100\mu\text{m}$  in mean granular size. The granules can be obtained by dispersing in an organic solvent e.g., finely granular natural cellulose such as ramie having a crystal form of cellulose I followed by spray drying of the resultant slurry using a nitrogen gas-circulating type spray dryer.

**COPYRIGHT:** (C)1990,JPO&Japio